

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-08 15:59:19
Date of Next Testing: 2029-04-07 15:59:19
Product Name: **D-(+)-Maltose monohydrate**
CAS Number: 6363-53-7
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: C2521861
SKU #: **M104816**
Version: **1**
Analysis #: **482727**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	4.8-5.8 (%)	5.46000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ (after drying)	126-132 ($^{\circ}$)	137.80000 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.67000 %
Glucose	0-0.3 (%)	0.10000 %
Appearance (M104816)	white or almost white powder or crystals	white or almost white powder or crystals
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager